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KOREAN PATENT ABSTRACTS

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(54) SIGNAL TRANSFERRING DEVICE OF ROTARY BODY FOR EFFECTIVELY USING LIMITED SPACE BY USE OF WIRING TERMINALS AS CONTACTING MEDIA

(57) Abstract:

PURPOSE: A signal transferring device of rotary body is provided to effectively use a limited space by adopting wiring terminals as contacting media to transfer a signal among electrical and electron part installed at inside and outside of a rotary body, and safely and effectively transfer a signal by use of wiring terminals. CONSTITUTION: The signal transferring device of rotary body comprises a driving motor(33), an interior wiring terminal(5), an exterior wiring terminal transferring section(7), and a controlling section.

The driving motor(33) is formed to rotate a rotary body. The interior wiring terminal supporter(5) is combined with a circumference of an axis of the driving motor(33), and formed to support a plurality of interior branched wiring terminal(5b). The exterior wiring terminal transferring section(7) is formed to let the interior wiring terminal divisions(5b) contact with or divide from exterior wiring terminal divisions(7b). The controlling section is formed to control the driving motor(33) and a driving of the exterior wiring terminal transferring section(7) depending on the angle position of each wiring terminal division.

